What is claimed is:

1. A method, comprising:

    for a call between a local IP network and a remote non-IP network,

    converting IP packets to PCM robbed bit signaling via a VoIP channelized router,

    providing the PCM robbed bit signaling to a TDM switch.

2. The method of claim 1, further comprising:

    converting between IP packets and GR303 call reference values via the VoIP channelized router.

3. The method of claim 1, further comprising:

    detecting an off-hook condition of a telephone on the local IP network.

4. The method of claim 1, further comprising:

    receiving, at the VoIP channelized router, an invite message related to an off hook condition of an IP telephone.

5. The method of claim 1, further comprising:

    providing a dial tone to a user of the local IP network.

6. The method of claim 1, further comprising:

    converting an invite message, responsive to an off-hook condition, to a B bit toggle conforming to PCM signaling at the VoIP channelized router; and forwarding the B bit toggle to the TDM switch.

7. The method of claim 1, further comprising:

    receiving a called party telephone number from the local IP network.

8. The method of claim 1, further comprising:

    converting a called party telephone number to PCM signaling.

9. The method of claim 1, further comprising:

    providing a called party telephone number to the TDM switch.

10. The method of claim 1, further comprising:

    sending a signal indicative of ringing to the local IP network.

11. The method of claim 1, further comprising:

    receiving a signal indicative of ringing from the TDM switch at the VoIP channelized router.

12. The method of claim 1, further comprising:

    converting a signal indicative of ringing to an invite F8 180 signal at the VoIP channelized router; and

    providing the F8 180 signal to the local IP network.

13. The method of claim 1, further comprising:

    receiving an A/B bit toggle from the TDM switch at the VoIP channelized router, the toggle responsive to a signal that a called party has answered the call.

14. The method of claim 1, further comprising:

    converting an A/B bit toggle to an invite 200 message;

    providing the invite 200 message to the local IP network.

15. The method of claim 1, further comprising:

    receiving voice packets from the local IP network at the VoIP channelized router.

16. The method of claim 1, further comprising:

    receiving a TDM data sequence from the remote non-IP network at the VoIP channelized router.

17. The method of claim 1, further comprising:

      converting voice packets to an 8 bit TDM data sequence via IP packet-to-bit conversion; and

      providing the TDM data sequence to the remote non-IP network.

18. The method of claim 1, further comprising:

      converting an 8 bit TDM data sequence to voice packets; and

      providing the voice packets to the local IP network.

19. A system comprising:

      a local VoIP channelized router; and

      means for communicatively coupling an IP network to a remote non-IP network using said channelized router.

20. A machine readable medium storing instructions for activities comprising:

      routing a call from an IP network to a remote non-IP network via local VoIP channelized router.